

Anti- Mnk1 (Phospho-Thr385) Polyclonal Antibody



<u>Catalog No.</u>	<u>Size</u>
A100355-01	50 µl
A100355-02	100 µl

Specificity	Anti- Mnk1 (Phospho-Thr385) (human mouse rat)
Source	Rabbit Polyclonal
Application	WB ELISA IHC
Form	Liquid, 1 mg/ml

Product

Swiss-Prot No.: Q9BUB5

Other Names: EC 2.7.11.1; kinase Mnk1; Map kinase interacting kinase; MAP kinase signal-integrating kinase 1; MAP kinase-interacting serine/threonine kinase 1; MKNK1

Specificity and Sensitivity

Mnk1 (Phospho-Thr385) antibody detects endogenous levels of Mnk1 only when phosphorylated at threonine 385.

Source and Purification

The antiserum was produced against synthesized phosphopeptide derived from human Mnk1 around the phosphorylation site of threonine 385 (L-P-T^P-P-Q).

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Application Notes

Optimal working dilutions should be determined experimentally by the investigator. Suggested starting dilutions are as follows:

WB: 1:500~1:3000 IHC: 1:50~1:100 ELISA: 1:20000

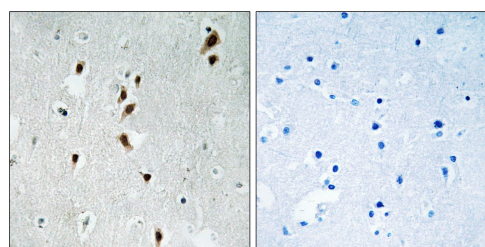
Storage Buffer

Rabbit IgG in phosphate buffered saline (without Mg²⁺ and Ca²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

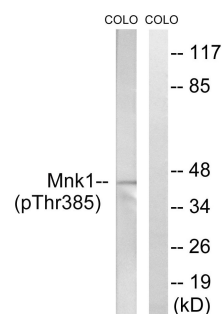
Storage Instructions

Stable for 1 year at -20°C from date of shipment. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Aliquot to avoid repeated freezing and thawing. Aliquot will be stable at 4°C for 3 months.

Images



P-peptide - +
Immunohistochemistry analysis of paraffin-embedded human brain tissue using Mnk1 (Phospho-Thr385) antibody.



PMA + +
P-peptide - +

Western blot analysis of extracts from COLO cells, treated with PMA (125ng/ml, 30mins), using Mnk1 (Phospho-Thr385) antibody.